Introducing the new ultra–low maintenance 1950*plus*

When we set about designing a new process analyzer, we asked owners of the thousands of analyzers we've shipped over the last three decades what more they wanted. And they surprised us. They said they wanted less: less maintenance, less tubing, fewer connectors and other spare parts, and simpler software. In short—less trouble.

We're pleased to say we did it. On average, a typical 1950*plus* installation requires less than a half an hour per month of maintenance, including chemical replenishment. But since we're pretty sure you'll tell us you don't have an average installation, let's look at specifics.

Simplicity rules.

The connection ports for samples, reagents, and gas are colocated on the outside of the analyzer. We've incorporated a fast–loop manifold that reduces stream pressure without sacrificing response time. On the inside, we've streamlined point–to–point pump tube connections and used wide–bore valve manifolds with convenient maintenance ports. Tubing has been reduced by 65%. The few connectors we've left in are color coded, so you can see what you're doing when it comes time to replace the tubing. The sparger is an easily cleaned, two–piece counterflow design that ensures trouble–free, noncapillary flow control.

All you need to maintain a 1950*plus* is a nut driver and two ball drivers. And your fingers, because the pumps, the UV reactor and the gas–liquid separator are accessed with hinge snaps, thumbscrews or finger–tight fittings.

All of your connections right in one place.

If it wasn't broken, we didn't fix it.

The 1950*plus* features the same continuous, accurate UV–persulfate analysis technique we invented in 1971 and have been perfecting ever since. But even here we couldn't resist an improvement or two. Instead of having only one UV lamp, now you can choose dual and even triple UV lamps. With optional automatic dilution, you can run high–salts, hard–to–oxidize, low–TOC samples continuously, without measurement interference and without the turmoil that comes with cleaning a high–temperature reactor. Alarms for loss–of–sample and loss–of–flow to the UV reactor protect important analyzer components and preserve the integrity of your measurement.

Tilt–out pump modules ease maintenance.

A facelift that isn't just cosmetic.

We've nestled these improvements in a new enclosure, available in a choice of materials. Reducing the cabinet count to two maintains the safety of separate liquids and electronics sections. The large, back–lit LCD display is set in a directly accessible front panel that incorporates large, clearly labeled keys. The simplified menu–driven software now has one–step initiation of single sample analysis, analyzer validation and calibration.

Two–piece sparger for easy cleaning.

Own your analyzer–don't let it own you.

Proven design, economic operation and superior analysis add up to a potent package. Add worldwide support from the company that practically invented on–line TOC analysis and you've got a real winner. And a bonus—with every purchase of a new 1950*plus*, you get a part of your life back.

Yes! I want to own my analyzer.